



**DEPARTMENT OF BIOCHEMISTRY (MEDICINE) MASTER'S DEGREE (WITH THESIS)
PROGRAMME**

SCIENTIFIC PREPARATION PROGRAMME I							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	Compulsory Courses					National	ECTS
TBH 101	Expertise Branch Course	C	8	0	8	0	9
TBH 102	Thesis Preparation Study	C	0	1	1	0	1
TBH 103	Basic Biochemistry I	C	4	0	4	4	4
TBH 104	Basic Microbiology	C	2	2	4	3	4
TBH 105	Basic Physiology	C	2	0	2	2	4
TBH 106	Practices of Biochemistry Laboratory I	C	2	2	4	3	4
TBH 107	Anatomy	C	2	0	2	2	4
	TOTAL						30

SCIENTIFIC PREPARATION PROGRAMME I							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	Compulsory courses					National	ECTS
TBH 108	Expertise Branch Course	C	8	0	8	0	9
TBH 109	Thesis Preparation Study	C	0	1	1	0	1
TBH 110	Basic Biochemistry II	C	4	0	4	4	4
TBH 111	Introduction to Hematology	C	2	2	4	3	4
TBH 112	Practices of Biochemistry Laboratory II	C	2	2	4	3	4
TBH 113	Medical Biology and Genetic	C	2	2	4	3	4
TBH 114	Nutrition Biochemistry	C	2	0	2	2	4
	TOTAL						30

I. SEMESTER							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	Compulsory Courses					National	ECTS
TBY 101	Expertise Branch Course	C	8	0	8	0	9
TBY 102	Thesis Preparation Study	C	0	1	1	0	1
Elective Courses (Total 20 ECTS credit courses will be taken in the Elective Courses Pool)							
	Elective Course I	E					4
	Elective Course II	E					4
	Elective Course III	E					4
	Elective Course IV	E					4
	Elective Course V	E					4
	TOTAL						30

II. SEMESTER							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	Compulsory Courses					National	ECTS
TBY 103	Expertise Branch Course	C	8	0	8	0	9
TBY 104	Thesis Preparation Study	C	0	1	1	0	1
TBY 105	Seminar	C	0	2	2	0	4
Elective Courses (Total 16 ECTS credit courses will be taken in the Elective Courses Pool)							
	Elective Course I	E					4
	Elective Course II	E					4
	Elective Course III	E					4
	Elective Course IV	E					4
	TOTAL						30

III. SEMESTER							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	Compulsory Courses					National	ECTS
TBY 106	Thesis Study	C	0	1	1	0	21
TBY 107	Expertise Branch Course	C	8	0	8	0	9
	TOTAL		8	1	9	0	30

IV. SEMESTER							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	Compulsory Courses					National	ECTS
TBY 108	Thesis Study	C	0	1	1	0	21
TBY 109	Expertise Branch Course	C	8	0	8	0	9
	TOTAL		8	1	9	0	30

V. SEMESTER							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	Compulsory Courses					National	ECTS
TBY 110	Thesis Study	C	0	1	1	0	21
TBY 111	Expertise Branch Course	C	8	0	8	0	9
	TOTAL		8	1	9	0	30

VI. SEMESTER							
C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
	Compulsory Courses					National	ECTS
TBY 112	Thesis Study	C	0	1	1	0	21
TBY 113	Expertise Branch Course	C	8	0	8	0	9
	TOTAL		8	1	9	0	30

ELECTIVE COURSES POOL

C. CODE	COURSE NAME	C/E	Theo.	Prac.	Tot.	Credit	
						National	ECTS
	Elective courses						
TBY 114	Investigation Methods	E	3	0	3	3	4
TBY 115	Medical Biochemistry I	E	4	0	4	4	4
TBY 116	Medical Biochemistry II	E	4	0	4	4	4
TBY 117	Clinical Biochemistry I	E	2	2	4	3	4
TBY 118	Clinical Biochemistry II	E	2	2	4	3	4
TBY 119	Organic Chemistry	E	2	0	2	2	4
TBY 120	Biostatistics	E	2	0	2	2	4
TBY 121	Biochemistry of hormones	E	2	0	2	2	4
TBY 122	Biochemistry of enzymes	E	2	0	2	2	4
TBY 123	Physiology	E	2	0	2	2	4
TBY 124	Hematology	E	2	2	4	3	4
TBY 125	Advanced Molecular Analysis Techniques	E	2	0	2	2	4
TBY 126	Cancer Biochemistry	E	2	0	2	2	4
TBY 127	Vitamin and Mineral Biochemistry	E	2	0	2	2	4
TBY 128	Biochemical Laboratory Techniques	E	2	0	2	2	4
TBY 129	Cell Differentiation and Apoptosis	E	2	0	2	2	4